

22724

Schaarwachter, W. and others.
THE ELECTROLYTIC ETCHING OF MULTIPHASE
IRON-CHROMIUM-NICKEL ALLOYS IN CAUSTIC
SODA. [1961] 13 refs.
Order from BISI f4 10s BISI-2181

Trans. of Arch[iv für das] Eisenhüt[tenwesen](Germany)
1960, v. 31, June, p. 385-391.

DESCRIPTORS: *Chromium alloys, *Iron alloys,
*Nickel alloys, *Electroerosive machining, Tests.

I. Schaarwachter, W.
II. BISI-2181
III. British Iron and Steel
Translation Service

Office of Technical Services

(Chemistry--Physical, TT, v. 6, no. 4)

The Nerves of the Dog Bladder, by
A. Schabadasch, 56 pp.

GERMAN, per, Z fuer der Gesellschaft Anat,
1927, Abt I, Vol LXXXVI, pp 730-775.

NIH 8-1-61

175,035

Sci - Med

Dec 61

ALIGNMENT OF THE ECONOMIC LEVEL OF SOCIALIST
COUNTRIES AND FOREIGN TRADE, BY G. SCHMID,
7 PP.

GERMAN, PER, AUSSENWIRTSCH. 1962, PP 6-9.

JMD 18365

DEAR - GERMANY
ECON.
APR 63

225,709

Concerning the Inversion of the Joule-Effect.
by A. Schaber.

GERMAN, per, Allgemeine Wärmetechnik, vol. 11,
1963, pp. 146-149.
NTC 70-17113-20M

A Schaber

Fat Embolism in Traffic Accidents, by
H. Buchner, W. Schaberl, 13 pp.
~~FOR OFFICIAL USE ONLY~~

GERMAN, per, Wiener Medizinische Wochenschrift,
Vol CIX, No 48, Jul-Dec 1959, pp 930-939.

Navy Tr 3050/WMS 662

Sci - Med

Mar 62

183, 722

The Effect of Additives, Especially of Ash Particles
in the Alkali-Activated Water Gas Process During
Normal, Reduced and Increased Pressures, by C.
Kroeger, R. Schabert, 57 pp.

GERMAN, per, Oel und Kohle, Vol XXXIX, 1943,
pp 756-769.

34,431

S.L.A. No 229/1956
AEC Tr 2142

Scientific - Physics *Chemistry; Fuels*

On the Artificial Development of an Increase of
Resistance to Gamma Rays in E. Coli, by G.
Schabinski, W. Ahlendorf, F. Schwabe, 3 pp.

GERMAN, per, Naturwiss, Vol XLVI, 1959, p 268.

NIH 9-37

Sci - Med
Sep 59

97,414

The Artificial Rearing of Clupea Harengus L, by
Helmut Schach, 14 pp.

UNKNOWN.

SND
SIID

Sci

Jan 64

Deflection of a Circular Liquid Jet on a Plane
Plate normal to the Stream, by W. Schach,
19 pp.

GERMAN, per, Ingenieur Archiv, No 6, 1935,
pp 51-59. P200260668-V

PSIC-805

GOVERNMENT USE ONLY

W. Schach

Sci/Phy
Nov 68

368,915

Schachmader, R. and Muller, G.
A METHOD OF INVESTIGATING THE PRESSURE
FLUCTUATIONS IN POPPET-VALVE GAS METERS
(Verfahren zur Untersuchung der Druckschwankungen
an Ventil-Gasflossern). [1962] 9p. 8 refs.
Order from SLA \$1.10 62-16364

Trans. of Allgemeine Elektricitats-Gesellschaft.
Forschungs-Ergebnisse. Jahrbuch (Germany) 1934, v. 4.

DESCRIPTORS: Flowmeters, Gas Flow, Valves,
Pressure, Test methods, Tests, Oscillographs.

(Mechanics--Hydraulics, TT, v. 10, no. 9)

62-16364

1. Tides Poppet valve
1. Schachmader, R.
2. Muller, G.

4249583

Office of Technical Services

Problems in Production and Storage of Foodstuffs
with High Sugar Contents, by L. Schachinger, R.
Heiss and W. Bartsch, 21 pp.

GERMAN, per, Deut Lebesmittl, Vol XLVII, pp
221-228.

SLA Tr 57-1929

Sci - Chem Tech

Jul 58

67,925

New Silicides of the M_2Si_3 Type With $108g$ Structure,
by H. Schachner, E. Cerwenka, H. Nowotny, 9 pp.

GERMAN, per, Monatsch Chem, Vol LXXXV,
1954, pp 245-254.

SIA Tr 2106

52,913

Sci - Chemistry
Sep 57

Schachoff, Dimitri.
DEVELOPMENT AND IMPROVEMENT OF THE LOOM
PICKER. [1961] 7p. (21 figs. omitted) 21 refs.
Order from SLA mi\$1.80, ph\$1.80 61-14032

Trans. of Textil- und Faserstofftechnik (Germany)
1954, v. 4, no. 6, p. 339-345.

(Materials--Textiles, TT, v. 5, no. 11)

61-14032

1. Textile Industry--Equipment
2. Title: Loom picker
- I. Schachoff, D.

Office of Technical Services

The State is cheating us of our money, by
Hjalmar Schacht, 12 pp.
GERMAN, por, quick, No 48, 29 NOV 1944,
encl to Resp A-1469, 16 Feb 1965, BORN.
Dept of State 4010140965

Report on Indonesia by Dr. Hjalmar Schacht, 46
34 pp.
INDONESIAN, rpt, Kementarian Penerangan R. I.
1951, pp. 1-65.
JPRS 35194

Hjalmar Schacht

EE-Indonesia

Pol

May 66

299,935

6
Improvement in the Utilization of Transportation
Facilities, by A. Schuchter, 19 pp.
RUMANIAN, par. Probleme Economice, Vol XVII,
No 7, 1964, pp 49-60.
JPRS 26483

EE-Rumania
Econ
Dec 64

269,423

IMPROVEMENT OF THE TARIFF SYSTEM IN COMMODITY
TRANSPORT, BY A. SCHACHTER, 34 PP

ROMANIAN, PER, PROBLEME ECONOMICE, VOL. XVI, NO 7,
1963, PP 35-48.

JPRS 21130

EE-ROMANIA
ECON
SEP 63

343,932

46
The Longevity of Physicians. Statistical Data.
by M. Schachter.
GERMAN, per, Arch Med Soc, Vol 4, No 1, 1948,
pp 144-148.
REF ID: A9-16-67

Sci-B and H
Oct 67

M. Schachter

343,424

(DS-5780)

Applying Automation Elements in Rumania, An
Important Task in Raising the Level of
Technology, by S. Schachter, R. Valent, N.
Costake, 26 pp.

RUMANIAN, per, Automatica si Electronica,
Vol V, No 1, E Jan-Feb 1961, pp 3-13.

JPRS 10425

173,996

EDur - Rumania

Studies on Protein Biosynthesis, I. On
Incorporation of C^{14} -Labeled Amino Acids Into
Protein of Cellfree Nucleoprotein Enzyme Systems
From Escherichia Coli B., by D. ~~WISSE~~
Schachtschabel, W. Zilling, 11 pp.

GERMAN, per, Z Physiol Chem, VOL CCXXIV,
1959, pp 262-275.

NIH 2-30-62

191,468

Sci - Med

Apr 62

Schack, A.
BASES FOR THE INCREASED USE OF BLAST-
FURNACE GAS IN IRONWORKS, tr. by W. Golds-
brough. Rept. no. 253 of the Wärmestelle [Fuel
Section] of the Verein Deutscher Eisenhüttenleute.
[Feb 44] 21p. 2 refs.
Order from SLA \$2.60

61-18454

Trans. of Stahl und Eisen (Germany) 1938, v. 58,
17 Feb, p. 157-165.

DESCRIPTORS: *Blast furnaces, *Gases, Iron
industry, Combustion, Steel industry, Open hearth
furnaces, Heating, Operation, Fuel consumption.

(Unannounced)

61-18454

I. Schack, A.
II. Title: Verein...

Office of Technical Services

Schack, Alfred.
THE CONSTRUCTION AND OPERATION OF
FURNACES WITH PARTICULAR REFERENCE TO
HEATING FURNACES. Technical rept. no. 155 of
the Wärmestelle [Fuel Section] of the Verein
Deutscher Eisenhüttenleute. [1961] [36]p. 8 refs.
Order from SLA \$3.60 61-18497

DESCRIPTORS: *Heating plants, Construction,
Operation, *Heat transfer, Thermodynamics, Fuel
consumption, Heaters.

(Unannounced)

61-18497
I. Schack, A.
II. Title: Verein...

Office of Technical Services

Flow Conditions and Heat Balance in Modern
Soaking Pits, by Alfred Schack, 18 pp.

GERMAN, per, Stahl und Eisen, Vol LXXIV, No 23,
1954, pp 1502-1509.

SLA 60-18256

Sci

Apr 61

146,149

SCHACK, A.

STAHL UND EISEN, vol. 58, 7 figures, one large table,
9200 words, 1938.

Wider Use of Blast Furnace Gas within Steel Industry.

Brutcher Trans., Order No. 600, \$9.20

A10417

Tests on Heat Transfer in Rolling-mill Furnaces with Regard to the Heating of Ingots, by A. Schack, 18 pp.

GERMAN, per, Arch Eisenhüttenwesen, Vol IV, No 7, Jan 1931, pp 333-342.

SLA 57-3228

Sci

Aug 58

72,572

SCHACK, A.

Archiv eisenhüttenwesen, vol. 3, No. 1, 2 figures,
1 table, 5200 words; 1929.

Measurements of Temperature in Open-Hearth
Furnaces.

Brutcher Trans, Order No. 2002, \$7.80.

A10418

Investigation of Descaling Devices for a Multi-
Stage Hot Working Press, by H. Buhler, J. Schack. 28
GERMAN, per, Draht, Vol XV, No 2, 1964, pp 51-56.
BISI 3791

Sci - Engr
Oct 64

268,049

KRINGS, W. and SCHACKMANN, H.

ZEITSCHRIFT ANORG. ALLGEM. CHEMIE vol. 202, 1931, No. 1-2, p. 99-112, 2 figures, 1100-word abstract trans.

The Equilibrium $\text{FeO} + \text{Mn} \rightleftharpoons \text{Fe} + \text{MnO}$ at 1550-1560° C.

Brutcher trans. Order No. 50 \$1.65

A-6202

EQUALIZATION OF THE ECONOMIC LEVEL OF THE SOCIALIST
COUNTRIES AND FOREIGN TRADE, BY GUNTHER SCHADE, 17 PP.

GERMAN, PER, WIRTSCHAFTSWISSENSCHAFT, NO 6, 1963,
PP 1237-1251.

JPRS 21377

EE-CZECH

ECON

OCT 63

345.026

Inventor Compensation, by H. Schade, 8 pp.

GERMAN, per, Gewerblicher Rechtsschutz und
Urheberrecht, No 3, 1962, pp 125-126.

Patent Office

~~and~~ WE - Germany
Sor

Sep 2 62

210,685

Schade, H. and others.
CATALYSTS FOR THE POLYMERISATION OF
OLIGOMERS OF ϵ -CAPROLACTAM. [1963].
Order from TTIS \$7.65 TTIS NS-87

Trans. of East German patent 24,307, appl.
30 Jan 59, pub. 28 Nov 62.

DESCRIPTORS: *Catalyst, *Polymerization, *Lac-
tams, Polymers.

(Chemistry--Organic, TT, v. 10, no. 9)

63-17812

- I. Title: ϵ -Caprolactam.
- I. Schade, H.
- II. Patent (East Germany)
24 307 -
- III. TTIS-NS-87
- IV. Translation and
Technical Information
Services (Ot. Brit.)

A247726

Office of Technical Services

A Patient With XXY-Chromosomes
et al, 7 pp.
GERMAN, per, Med Wlt, Vol XVI, 1963, pp 869-872.
Navy Tr 4075/NMS 946

P 73

Sci-B/M
Mar 65

276,000

On the Hydrodynamic Stability Theory of Plane
and Axisymmetric Parallel Flows, by H. Schade,
GERMAN, Per, Deutsche Versuchsanstalt für Luftfahrt,
No 190, 1962, ~~19~~ 190 77.
OTS AD 608 096

H. Schade

Sept 66

311,267

The Oscillating Circular Aerofoil on the Basis of
Potential Theory, by T. Schade.

GERMAN, Luftfahrtforsch., Vol XVII, No 11/12, pp 387-400,
Vol XIX, No 8, pp 282-291, 10.12. 1940/20.8.1942.

NACA Trans No 1098

Sur - Germany
Scientific - Theory, Aerofoil

Index Aeronauticus

A 10419

Problems of Dust Removal in LD-Steelworks, by
H. Schaden.

GERMAN, per, Berg-und Huttenmannische Monatshefte,
Vol 104, Feb 1959, pp 18-21.

BISI 3736

Sci - Engr
Feb 65

273,117

The Relationship between Viscosity and
Composition in Binary Sodium-borate
Glasses, by E. Ripetianov, K. Schaden.
GERMAN, per, Glastechnische Berichte, Vol
35, No 12, 1962, pp. 505-12.
NTC 69-10587-118

85

K. Schaden

Sci-Mat
July 69

386,756

Sci-Mat

The Cracking and Breaking Load of Reinforced and
Prestressed Concrete Subject to Pure Torsion, Part
1, by K. Schaden.

GERMAN, per, Nachr Ost Betonver, Vol XIII, No 6,
1953, pp 21-27.

TPA3/TIB
T 4346 A

Sci - Engineering
CTS 75/Dec 55

29,335

A Century of Tracks, by S. E. Schader. 17pp.
SWEDISH, per, Järnvägs Teknik, No 6, 1956,
pp 143-150.
DIA IN 699-66

75

S. E. SCHADER

Sci-Mech Indus Engr
Feb 67

317,610

The History of Quincke's Disease, by H.
Schadowaldt, 32 pp.

GERMAN, per, International Archives of Allergy
and Applied Immunology, Vol XIV, No 5/6, 1959,
pp 339-362.

NIH 2-25-60

Sci - Med

Apr 60

115,043

V
On the Consumption of Anode Carbon in the Industrial Electrolysis of Aluminum, by R. Schadinger,
10 pp.

GERMAN, per, Alluminio, Vol XXI, 1952, pp 252-256.

S.L.A. Tr 590/1955

Sci - Min/Met
Apr 1957 CTS/dex

50, 231

**Experimental Studies on Lateral Thrust Components
in Solid Fuel Propulsion Units, by W. Buschulte,
K. Schadow.
GERMAN, rpt, Paper Presented at the Third European
Space Flight Symposium, Stuttgart, 21-24 May 1968.
NASA TT F-9046**

Sci-Aero
Nov 64
U.S. GOVERNMENT ONLY

268,799

Stainless Steels for Oil Pipelines. Comparison of
European With USA Steels, by L. Schaeben.

GERMAN, per, Erdol und Kohl, Sep 1958, pp 636-639.

BISI 1903

Sci - Min/Met

Dec 60

134,012

Steel and Steel Products for Nuclear Power
Plants, by F. Bruhl, L. Schaeben.

GERMAN, per, Verein Deutscher Ingenieure Z,
No 34, 1959, pp 1645-1649.

BISI 1923

BEur - Germany

Econ

135,673

SCHAEFFEN, L.

Korrosion& Metallschutz, vol. 19, 11 figures,
3 tables, 2150 words; 1943.

Intergranular Corrosion of Chrome-Manganese
Steels.

Brutcher Trans., Order No. 1486, \$3.20

A 10420

Methods for the Automatic Optimization of
Control Circuits, by R. Schaabitz, 21 pp.

GERMAN, per, Zeitschrift Fuer Messen Steuern
Regeln, No 7, 1962, pp ~~291~~ 311-317. 9670305
Regeln,

FED-TT-63-409

Sci - Phys

Oct 63

345, ~~291~~

345, 291

(NY-2700)

NATIONAL COORDINATION OF DIFFERENT TYPES OF
TRANSPORTATION, BY A. SCHAECHTER, 18 PP.

RUMANIAN, PER, PROBLEM ECONOMICE, VOL XV,
NO 5, 1962, PP 75-88.

JPRS 14697

EEUR - RUMANIA
ECON .
AUG 62

205,941

Soviet Air Capabilities, Doctrine and Military
Doctrines, by Schasdel, Hutzler, 7 pp.

GERMAN, bk, Deutscher Militärverlag, 1962,
pp 1-28.

AF 1524849

USSR
MIL
Jan 63

220,793

Schaefer, Johann Albrecht.
CONCERNING THE MEASUREMENT OF THE MINI-
MAL ROTARY ACCELERATIONS (Zur Messung
Kleinst Drehbeschleunigungen). [1961] [8]p. 8 refs.
Order from SLA \$1.10 61-14300

Trans. of Zeitschrift für Hals-, Nasen und
Ohrenheilkunde (Germany) 1939, v. 45, p. 141-145.

DESCRIPTORS: Nystagmus, Rotation, Acceleration,
Ophthalmology, Eye, Ear, Measurement

61-14300

I. Schaefer, J. A.

217046

(Unannounced)

Office of Technical Services

Contribution to the Problem of Automatic Consistency
Regulation in Paper Pulp Suspensions, by M. Schaedler,
20 pp.

GERMAN, per, Das Papier, Vol III, 1949, pp 215-
223.

SLA
SB 57-2992

Sci

Aug 58

71,395

R-54/60

(NY-3942)

Arrangements and Accuracy of Laplace Azimuths
in Major Geodetic Networks, by M. Schaedlich,
9 pp.

GERMAN, per, Vermessungstechnik, Vol VII, No 11,
1959, Berlin, pp 317-322.

JPRS 5412

EEur - Germany

Econ - Geography

Sep 60

125, 617

Activation of Boric Acid With Polyoxy-Compounds ⁴⁶
and the Phenomenon in Quantitative Analysis of Activated
Boric Acid, by Harold Schaefer, 24 pp.
GERMAN, str. Z. für Anorganische und Allgemeine
Chemie, Vol CCXLVII, 1941, pp 96-112.
AEC-UCRL-Tr-1064(L)

Sci-Chem
Sep 64

1551,245

Technical Economic Comparison of Gas and Induction
Heating for Forgings, by Schaefer, Rich.

GERMAN, per, Praktische Energiekunde, No 2, 1959,
pp 107-141.

BIBI 1758

Sci - Engr

Feb 61

141,390

The Transport Function of the Endoplasmic Reticulum of Sublethally Irradiated Chicken Heart Myoblasts, by Dieter Schaefer.

GERMAN, per, Zeitschrift für Zellforschung,
Vol 71, 1966, pp 562-573. 0911172600
AEC AIL-tr-374

Dieter Schaefer

Sci/264
Jan 67

310,456

Contributions to the Chemistry of Elements, by
Schaefer.

GERMAN, per, Z fuer Anorganische Chemie, Vol
CCLXVI, Hamburg, 1951, pp 140-151.

Dept of Interior
US Bur of Mines
Div of Mineral Tech
Region IV
Rolla, Missouri

Sci - Chem

May 59

87,559

Intermediate Grain-Refining During
Recrystallization of Copper, by H. Borchers,
A. Schaefer. 8 p.
GERMAN, per, Zeit. fuer Metallkunde, Vol 47,
No 6, 1956, pp 342-349.
SLA TT-66-10429

A. Schaefer

Sci-MMM
Jul 66

306,061

Schaefer, Cl., Matossi, F., and Wirtz, K.
THE INFRARED REFLECTION SPECTRUM OF
SILICATES. [1962] 36p. 30 refs.
Order from SLA \$3.60

63-10163

Trans. of Zeitschrift für Physik (Germany) 1934, v. 89,
p. 210-233.

DESCRIPTORS: *Infrared spectroscopy, *Silicates,
Crystal structure, Reflection, Frequency.

The data on reflection measurements in the infrared
spectra of silicates are presented. Two regularly occur-
ring reflection bands between 8 and 12 and 17 and 20
can be correlated with the polymerizations of the
SiO₄ groups. A 'middle band' between 14 and 18...
which appears in particular in silicates can be attri-
buted to other coordination polyhedra (Al O₄, BeO₄).
The short-wave band between 8 and 12, which is at-
(Physics--Spectroscopy, TT, v. 9, no. 12) (over)

63-10163

I. Schaefer, C.
II. Matossi, F.
III. Wirtz, K.

63-10163

Office of Technical Services

Schaefer, E.
ELECTRONIC PERMANENT MEMORIES.
[1962] 28p. 51 refs.
Order from SLA \$2.60

62-20175

Trans. of Elektronische Rechenanlagen (West Germany)
1961, v. 3, no. 5, p. 197-205.

DESCRIPTORS: *Computer storage devices, *Memory
devices, Electrophotography, Storage tubes, Super-
conductivity, Inductance, Magnetic core storage,
Punched cards, Capacitors.

Computer memories often contain information which
rarely changes, but which must be read out frequently.
Such information can be stored more economically in
so-called read-only memories, or permanent stores,
than in the erasable working storage. This paper shows
how the same problem appears in several fields having
(Mathematics--Computing Devices, TT, v. 9, no. 12)
(over)

62-20175

I. Schaefer, E.

A640068

Office of Technical Services

Hot Water Rockets, by W. Michely, E. Schaefer.

GERMAN, papers, Report of International Meeting,
Freudenstadt, Germany, 6-8 Feb 1956, Sponsored
by Physical Research Institute of Jet Propulsion.

Navy Tr 1350/ONI A-666 & 666b

Scientific - Physics
Jul 56 CTS/dax

36, 353

The Human Memory as an Information Store, by
E. Schaefer.

GERMAN, per, Elektronische Rundschau, Vol XIV,
No 3, 1960, pp 79-84.

Navy Tr 3503/APL 804

Sci - Electron
Aug 63

238,311

SEUTHE, A.
~~SCHAEFER, E.~~

Archiv Eisenhüttenwesen, vol. 10, 1 table, 2840 words;
1937.

Use of Perchloric Acid in Steelworks Laboratories.

Brutcher Trans, Order No. 1334 \$3.55

A 10421

The Infra-Red Spectrum of the U-Center, by
G. Schaefer.
FRENCH, per, Physics and Chemistry of Solids,
Vol 12, 1960, pp 233-244. 9 229936
AEC ANL-tr-206

123

G. Schaefer

Sci/Physics
Jun 66

302,526

(SF-1857)

Organization Problems of the Building Industry,
by Gyorgy Schaefer, 10 pp.

HUNGARIAN, per, Magyar Epitoipar, Vol X, No 9,
1961, pp 406-411.

JPRS 11724

EEur - Hungary

178,941

Econ

Jan 62

Contributions to the Subject of Peat
Improvement. 1: Low Temperature Carbonization
of Peat, by A.W. Schmidt. H. Schaefer.
GERMAN, per Brennst.-Chem. Vol. 23, No. 5.
1942, pp 49-55.
GFC

H. SCHAEFER

Sci -
Aug 67

337-608

Chemical Transport Reactions and Their
Uses VII. Communications Concerning
Chemical Transport Reactions, by Harold
Schafer, 16 pp.

GERMAN, par, Angew Chemie, Vol LXXIII,
1961, pp 11-14.

AEC TR-9258

Sci - Chem
Oct 62

212,646

Schaefer, Harald and Brell, Günther.
THE TENDENCY FOR THE FORMATION OF GASE-
OUS TRICHLORIDES OF THE ELEMENTS CHRO-
MIUM, MANGANESE, IRON, COBALT, NICKEL,
INVESTIGATED WITH THE REACTION MeCl_2 gas +
 $1/2 \text{Cl}_2$ + MeCl_3 gas. [1963] 11p. 20 refs.
Order from SLA \$1.60

63-16851

Trans. of Zeitschrift für Anorganische und Allgemeine
Chemie (East Germany) 1956, v. 283, p. 304-313.

DESCRIPTORS: *Chromium compounds, *Manganese
compounds, *Iron compounds, *Cobalt compounds,
*Nickel compounds, Gases, *Chlorides, Methanes,
Phase studies, Chemical equilibrium, Decomposition,
Enthalpy, Ionization potentials.

Entrainment measurements in the chlorine stream with
the dichlorides MnCl_2 , CoCl_2 and NiCl_2 as the solid
phase gave a very considerable formation of gaseous
trichloride with cobalt, but with manganese and with
nickel a formation existing at the limit of the detecta-
(Chemistry--Physical, TT, v. 10, no. 7) (over)

63-16851

1. Title: Methylene chloride
2. Title: Entrainment
- I. Schaefer, H.
- II. Brell, G.

A247593

Office of Technical Services

ON SENSORY IMPULSES IN CARDIAC NERVES, BY A. AMMAN,
H. SCHAEFER, 27 PP.

GERMAN, PER, FLYUGERS ARCH FUR DIE GESAMTE PHYS,
VOL CCXLVI, NO 6, 1943, PP 757-789.

NIH 5-12-62

SCI - MED

AUG 62

207,827

61-25132

Schaefer, H., Goesser, C., and Bayer, L.
CHEMISTRY OF THE ELEMENTS NIOBIUM AND
TANTALUM. IV. NIOBIUM TETRACHLORIDE AND
ITS DECOMPOSITION INTO THE TRICHLORIDE AND
THE PENTACHLORIDE. [1961] 25p. 17 refs.
Order from ES \$11.00

Trans. of Zeitschrift für Anorganische Chemie
(East Germany) 1951, v. 265, p. 258ff.

DESCRIPTORS: *Niobium, *Tantalum, *Niobium com-
pounds, *Chlorides, Decomposition.

(Chemistry--Inorganic, TT, v. 6, no. 7)

I. Schaefer, H.
II. Goesser, C.
III. Bayer, L.
IV. Stux, Erica, Akron, Ohio
V. Title: Niobium...

Office of Technical Services

Electrophysiology of the Heart Nerves, by
H. Schaffer, H. Wapp E and 34 Atch.

GERMAN, per, Ergebnisse der Physiologie,
Vol XLVI, 1950-52. pp 11-125

WTH 10-17-61

Sci - Med

179,377

Jan 62

61-25133

Schaefer, H., Bayer, L., and Lehmann, H.
CHEMISTRY OF THE ELEMENTS NIOBIUM AND
TANTALUM. IX. EQUILIBRIUM PRESSURE OF NIO-
BIUM TETRACHLORIDE DECOMPOSITION. [1961]
16p. 10 refs.
Order from ES \$7.00

Trans. of Z[eitschrift für] Anorg[anische] Chem[ie]
(East Germany) 1952, v. 268, p. 268-278.

DESCRIPTORS: *Niobium, *Tantalum, *Niobium com-
pounds, *Chlorides, Decomposition.

I. Schaefer, H.
II. Bayer, L.
III. Lehmann, H.
IV. Title: Equilibrium...
V. Stux, Erica, Akron, Ohio

Office of Technical Services

(Chemistry--Inorganic, TT, v. 6, no. 6)

The Monophasic Action Potential From the Apex
and Base of the Heart of ~~Warm~~ Blooded Animals
and the T-Wave Theory in the ECG, by H.
Schaefer, A. Pens, P. Scholmerich, 9 pp.

GERMAN, per, Pflugers Archiv, Vol CCXLVI, No 5,
1943, pp 728-732.

NIH 7-25-60

Sci - Med

Sep 60

124,767

Columbium Trichloride, A Compound With Extensive Phase Breadth, by H. Schaefer, 4 pp.

GERMAN, per, Angew Chem, Vol LXVII, 1955, p 74809.

SLA Tr 57-1867

Sci

Jun 58

65,887

A New Stereoscopic Effect and Its Physiological Interpretation, by Hans Schaefer, Fritz Ebner, 31 pp.

Full translation.

GERMAN, from the Department of Experimental Pathology and Therapie of the W. G. Kerckhoff-Institute at Bad Nauheim.

FIAT Report No 1176

Scientific - Medicine

Jun 53 CTS

(Also see FDD/X-839)

2278

Method For the Enrichment and Separation of the
Elements Columbium and Tantalum, by Harold
Schaefer, Christel Peitrucek, 8 pp.

GERMAN, patent 893,197, class 12m, group 9 H 9370
IV b/12m, appl for 5 Feb 53, granted 2 Sep 53,
by W. C. Heraeus G.m.b.H., Hanau/M/

SLA 59-10753

Sci
Dec 59
Vol 2, No 4

102, 716

Sci/Med

C

Measurements on the Latitude of Variation of the
Threshold Sensitivity of the Human Eye for Foveal Color
Vision in the Red Region of the Spectrum, by Hermann
Schaefer, 20 pp. UNCLASSIFIED

~~GERMAN~~, Kaiser-Wilhelm Institute for Biophysics, Frankfurt-
on-Main, Oct 1950.

A

AF Tr
7 ~~310~~ ATI No 65311

A 10422

New Avenues of Research in The Silicone Field,
by A. Lissner, H. G. Schaefer, 9 pp.

GERMAN, per, Chemische Technik, Vol II, No 5,
1950, pp 181-183.

SLA 60-16816

Sci
Vol IV, No 7
Apr 62

19 2, 645

Contributions to the Knowledge of Coal-Tar
Pitch, by Hans Georg Schaefer.

GERMAN, per, Freiburger Forschungshfte,
Reihe A 51, 1956, pp 35-65.

Dept of Interior
TH7, E57, No 238

Sci - Fuels

Mar 60

111, 423

The International Importance of
Rhine River Shipping, by Hans-Ulrich Schaefer,
10 pp. FOR OFFICIAL USE ONLY
GERMAN, per, Internationales Archiv für
Verkehrswesen, No 8, August 1964,
pp 147-151.
DIA LN 210-66

*Hans-Ulrich
Schaefer*

Sci-
Jun 66

302,112

The Determination of the Shift and Splitting
of the Normal Frequencies of the Sulfate Ion
in Various Anhydrous Alkali Sulfates, by K.
Schaefer, 11 pp.

GERMAN, per, A fuer Elektrochemie, Vol LII,
No 3, 1948, pp 98-103.

Assoc Tech Serv O7K270
14.65

Sci - Chem
OTS I, 4
Apr 59

85, 243

The Thermal Diffusion Effect in Gases, by K.
Schaefer

A
GERMAN, per, Angew Chem, Vol XLIX, 1947,
pp 83-87.

SHA Pool
Nat'l Res Council Canada TT 190

Scientific - Chemistry
Jul CTS/DEX Price 0.25

17,772

SCHAEFER, K.

The Physicochemical Differences Between the Isotopes
German, Angewandte Chemie, Vol 59A, 1947 AEC Tr Oct 49 CTS

SLA TR 591

A10423

Development of the GDR Chemical Industry and the National
Economic Significance, by Karl-Heinz Schneider, Helmut Weinhart,
12 pp.
GERMAN, per, Einheit, No 11, 1963, pp 23-31. (Foreword, Table
of Contents)

JPRS 22001

EE-Germany
Econ
Feb 64

243, 146

61
The Effect of Prolonged Exposure to 31 O₂ on Brain
Waves, by E. E. Schaefer, 13 pp.
GERMAN, per, Physiologisches Archiv Fur Die Gesamte
Physiologie, Vol 251, 1949, pp 725-40.
Dept of Navy NHC tr 2656

K. E. Schaefer
Sci/DM
Sep 68

363,210

Sci/Aero

C

Comparison of the Stream Filament Theory From Gas Dynamics
With the Theory of Flows With Axial Symmetry, by M.
Schaefer, 5 pp. UNCLASSIFIED

~~GERMAN~~ GERMAN, done by Technische Hochschule Dresden for
Peenemunde Archiv 44/7. *61A/559837*

AMC Tr

Brown Univ Tr A9-T-8
for AMC under contract
No AMC number

A10424~~Oct-66~~

M. Schaefer

Propagation of a Two-Dimensional Irrotational Supersonic
Flow Along a Wall, by M. Schaefer, 13 pp. UNCLASSIFIED

GERMAN, done by Technische Hochschule Dresden for
Peenemunde Archiv 44/9, Nov 5, 1942.

CIA 559839

AMC Tr

Brown Univ Tr A9-T-10
for AMC under contract
no AMC number

H 10434 Oct 42

Sci/Aero

C

The Appearance of a Compression Shock in the Neighborhood
of a Convex Wall Surface Which is Free From Singularities,
by M. Schaefer, 22 pp.

GERMAN, done by Technische Hochschule Dresden for
Peenemunde Archiv 44/12b, 1944.

AMC F-TS-1206-IA

Brown Univ Tr A9-T-14
for AMC under contractt

A 10425

~~Get etc etc~~

Sci/Aero

C

Outflow of a Jet of Compressed Air Into Moving Air, by
M. Schaefer, 14 pp.

GERMAN, done by Technische Hochschule Dresden for Peene-
munde Archiv 44/13, 1944.

AMC F-TS-1204-1A

Brown Univ Tr A9-T-15
for AMC under contract

A 10426

~~Get etc~~

Sci/Aero

C

Formation of Envelopes of Curved Mach Waves in Flow Along
a Convex Wall, by M. Schaefer, 44 pp. UNCLASSIFIED

GERMAN, done by Technische Hochschule Dresden for
Peenemunde Archiv 44/12a, 1944.

AMC F-TS-1203-IA

Brown Univ Tr A9T-13
for AMC under contract

A 10428

~~Det. etc~~

Sci/Aero

C

Connection Between Wall Curvature and Shock Wave Curvature
in Two-Dimensional Gas Flows, by M. Schaefer, 21 pp.
UNCLASSIFIED

GERMAN, done by Technische Hochschule Dresden for
Peenemunde Archive 44, 1940.

CIA 559838

AMC Tr F-75-1202
SLA-57-2697

Brown Univ Tr A9-T-9
for AMC under contract
No AMC number

A10430

~~Det obs~~

SCI/HERO

C

Formation of Envelopes of Mach Waves on a Tangentially
Struck Blade, by M. Schaefer, W. Tollmien, 29 pp.
UNCLASSIFIED

GERMAN, ~~translated~~ done by Technische Hochschule Dresden
for Peenemunde Archiv 44/10, May 1943.

CIA 559840

AMC Tr

Brown Univ Tr
A9-T-11 for AMC
under contract
No AMC number

A 10429

~~Get etc~~

(FDD 26856)

A Contribution to the Theory of Binaural Hearing, by
Otto Schaefer, Hebert Schlitt, 14 pp.

GERMAN, no per, Zeit fuer ~~XXII~~ Angewandte Physik,
Vol VII, No 4, Berlin/Heidelberg, 1955, pp 165-168.

CIA/FDD/U-7831

Sci - Physics, acoustics, physiological

32,592

Separation of Lipoid, Polysaccharid, and Protein
Antibodies From Tuberculous Sera by Means of the
Specific Inhibition Reaction, by W. Schaefer,
13 pp.

FRENCH, per, Ann. Inst Pasteur, Vol LXIV, Apr 1940,
pp 301.

SLA 2605

Sci - Medicine
Jan 58

57,406

The Building Block Construction Method at Radio
Works, Dresden, by Schaeffer, 4 pp.

GERMAN, per, Radio und Fernsehen, Vol X, No 17,
Sep 1961, pp 535-536.

JPRS 10963

Sci -- Electron

176,426

Dec 61

Show or Scientific Exhibition, by Schaeffer,
5 pp.

GERMAN, per, Radio und Fernsehen, Vol IX,
No 1, 1960, pp 3, 4.

OTS 60-31232

Sci
Vol IV, No 8
29 May 62

198, 231

Show or Scientific Exhibition, by Schaeffer,
5 pp.

GERMAN, per, Radio und Fernsehen, Vol IX,
No 1, pp 3-4.

UEASIA; SC-132b/60

SEX

EEur - Germany
Sep 61
Econ

168,635

K-25/64

The Revolving and Tilting Short-Wave Directional
Antenna in Nauen, by Schaeffer, 5 pp
GERMAN, per, Radio und Fernsehen, No 19, Oct 1964,
1 p.

9/
JPIS/SF-3434/Special

Sci

Nov 64

268,957

~~268,957~~